STATIONARY IC ENGINES: Table A

GENERAL INFORMATION			
Device number			
2. Device description	STANDBY EMERGENCY GENERATOR Permit-exempt	NORTH CRANE	SOUTH CRANE
3. Device grouping number	528-A-PROD	ADRLDECK	ARRLDECK
4. Device SCC number	2-01-001-02	2-02-001-02	2-02-001-02
5. Permit exempt per Rule 202? DEVICE SPECIFIC INFORMATION	Yes (202.F.1.e)	No	No
Manufacturer	Onan	Detroit Diesel	Detroit Diesel
2. Model number	12DJC	6-71	3-71
3. Serial or ID tag number	668042152	6A168753*RA	3A72369*RA*3080
4. Rated BHP (max)	21.8	230	109
5. RPM at rated BHP	1800	2100	2100
6. Engine BSFC (Btu/BHP-hr)	7000	7272	7732
7. Fuel type	Diesel	Diesel	Diesel
8. Engine type	Non-cyclic	Non-cyclic	Non-cyclic
9. Fuel higher heating value (Btu/lb)	19,620	19,620	19,620
10. Total sulfur in fuel (max.) (% wt.)	0.2	0.2	0.2
11. Emission controls used?	No	Yes	Yes
12. Emission controls description		B injectors	B injectors
13. Part of AECP program?	No	No	No

Notes: Italics in the second column indicate that the equipment is "permit exempt;" thus, the equipment is listed also in Section 10.7

⁽¹⁾ The Device Grouping Number is represented by a Nuevo drawing number.

GE	GENERAL INFORMATION				
1.	Device number				
2.	Device description	Pedestal Crane Fuel Tank (Permit Exempt)	GLYCOL DEHYDRATOR TANK	GLYCOL REBOILER TANK	
3.	Device grouping number	ADRLDECK	528-A-PROD	528-A-PROD	
4.	Device SCC number	4-03-010-21			
5.	Permit exempt per Rule 202?	Yes (202.V.2)	no	no	
DE	VICE SPECIFIC INFORMATION				
1.	Manufacturer	Platform Member	none	none	
2.	Tank type	vertical	Baker	Baker	
3.	Equipment type	Fuel (crane pedestal)	glycol regeneration	glycol regeneration	
4.	Liquid stored	diesel	glycol	glycol	
5.	Tank capacity (gallons)	3200	168	546	

0.3

200

no

Notes: : Italics in the second column indicate that the equipment is "permit exempt;" thus, the equipment is listed also in Section 10.7

130

0.01

76.2

Vapor molecular weight (lb/lb-mole)

Annual net throughput (barrels/year)

Connected to vapor recovery?

10. Vapor recovery control efficiency

7. Vapor pressure (psia)

FIXED ROOF STORAGE TANKS:

Table C

62

0.3

5

⁽¹⁾ The Device Grouping Number is represented by a Nuevo drawing number.

⁽²⁾ Emissions assumed to be less than 0.10 tpy.

COMPRESSORS: Table D

GE	GENERAL INFORMATION					
1.	Device number					
2.	Device description	MAIN GAS COMPRESSOR	VAPOR RECOVERY COMPRESSOR	VAPOR RECOVERY COMPRESSOR		
3.	Device grouping number	485-F-105	489-F-106B	489-F-105A		
4.	Device site	production deck	flotation deck	production deck		
5.	Start date	1996	1969	1969		
DE	VICE SPECIFIC INFORMATION					
1.	Manufacturer	LeRoi-Dresser	Ingersoll-Rand	Fuller		
2.	Model number	G3013H	67	3267		
3.	Serial or ID tag number			3092442		
4.	Service	gas compression	gas vapor recovery	gas vapor recovery		
5.	Rated compressor BHP	390	10 at 800 RPM	250		
6.	Rated capacity (scfm)	3,085 @ 20 psig suction	80 (2 cylinders @ 40 cfm each)	487		
7.	Driver type	electric	electric	electric		
8.	Driver type rating	390	2	50		
9.	Housing/seals connected to vapor recovery?	no	no	no		

Notes:

(a) The Device Grouping Number is represented by a Nuevo drawing number.

PUMPS: Table E

GENERAL INFORMATION				
Device number				
2. Device description	WATER CHARGE PUMP #1	WATER CHARGE PUMP #2	WATER INJECTION PUMP #1	WATER INJECTION PUMP #2
3. Device grouping number ⁽¹⁾	657-F-101	657-F-101	657-F-101	657-F-101
4. Device site	production deck	production deck	production deck	production deck
DEVICE SPECIFIC INFORMATION		1		1
1. Manufacturer	High Thrust	High Thrust		
2. Model number	HV-4	HV-4		
3. Serial or ID tag number	J-64-004	D-7009949		
4. Service	water transfer	water transfer	water transfer	water transfer
5. Fluid pumped	Produced water	produced water	produced water	produced water
6. Rated capacity (gpm)	292	292	292	292
7. Driver type	Electric	electric	electric	electric
8. Driver type rating (HP)	40	70		
9. Dual seals utilized?	No	no	no	yes

Pumps (continued): Table E

GENERAL INFORMATION				Tuble L
Device number				
2. Device description	GLYCOL PUMP #1	GLYCOL PUMP #2	SHIPPING PUMP #3	SHIPPING PUMP #4
3. Device grouping number ⁽¹⁾	489-F105A	489-F105A	489-F102	489-F102
4. Device site	Production deck	production deck	production deck	production deck
DEVICE SPECIFIC INFORMATION				
1. Manufacturer			REDA	REDA
2. Model number				
3. Serial or ID tag number				
4. Service	glycol transfer	glycol transfer	crude shipping	crude shipping
5. Fluid pumped	rich glycol	rich glycol	crude	crude
6. Rated capacity (gpm)				
7. Driver type	electric	electric	electric	electric
8. Driver type rating (hp)			200	200
9. Dual seals utilized?	no	no	no	no

Pumps (continued): Table E

GENERAI	L INFORMATION				Tuble E
	e number				
2. Devic	e description	SHIPPING PUMP #3	SHIPPING PUMP #5	STANDBY SHIPPING PUMP #1	GAS LINE SHIPPING
3. Device	ce grouping number ⁽¹⁾	489-F102	489-F102	489-F102	489-F-102
4. Devic		production deck	production deck	production deck	production deck
DEVICE S	SPECIFIC INFORMATION		1	T	1
1. Manu	facturer	REDA	Powell	UNION	Mission
2. Mode	el number		Pump powered by 50 hp ODI-(Centrilift) motor	1607	A
3. Serial	or ID tag number			J1421633	6303pf539
4. Service	ce	crude shipping	crude shipping	crude shipping	gas shipping
5. Fluid	pumped	crude	crude	crude	gas
6. Rated	capacity (gpm)		145	145	
7. Drive:	r type	electric	electric	electric	electric
8. Drive	r type rating (HP)	200	200	250	
9. Dual	seals utilized?	no	no	no	no

Pumps (continued) Table E **GENERAL INFORMATION** 1. Device number Device description H₂O COOLING PUMP WASTE OIL PUMP **B-25 A/B PUMP** 3. Device grouping number⁽¹⁾ 489-F-102 489-F-102 489-F-102 Device site production deck production deck production deck DEVICE SPECIFIC INFORMATION Manufacturer PBA-442 2. Model number 3. Serial or ID tag number 4. Service oil transfer transfer water transfer 5. Fluid pumped emulsion emulsion water Rated capacity (gpm) 145 7. Driver type electric electric electric Driver type rating (hp) 20 9. Dual seals utilized? no no

Notes:

(1) The Device Grouping Number is represented by a Unocal drawing number.

PIGGING EQUIPMENT:				Table F
GENERAL INFORMATION				
1. Device number				
2. Device description	OIL PIG LAUNCHER	GAS PIG LAUNCHER	GAS PIG RECEIVER	OIL PIG RECEIVER
3. Device grouping number ⁽¹⁾	489-F107	489-F107	489-F107	489-F107
4. Device site	production deck	production deck	production deck	production deck
DEVICE SPECIFIC INFORMATION	T			
1. Manufacturer	Grove	Grove	Grove	Grove
2. Serial or ID tag number	OOA-AC9.01	OOA-AC10.00	OOA-LUN9.00	OOA-REC8.01
3. Equipment type	launcher	launcher	receiver	receiver
4. Service	emulsion oil	gas	gas	oil
5. Diameter of pig unit (ft)	0.83	0.83	0.83	0.83
6. Length of pig unit (ft)	6.17	6.17	7.42	7.42
7. Diameter of attached pipe (ft ³)	0.8	0.8	0.8	0.8
8. Length of attached pipe (ft)	4	4	0.58	0.58
9. Total volume of pig unit/pipe (ft ³)	5.07	5.07	1.67	8.25
10. Operating pressure (psig) ²	10-35	43-101	92-230	72-104
11. Operating temperature (F)	75	75	65	65
12. Vapor molecular weight (lb/lb-mole)	50	23	23	50
13. Connected to gas gathering or vapor recovery?	yes	yes	yes	yes

Notes:

- The Device Grouping Number is represented by a Nuevo drawing number.
 The pig chamber "release" pressure is estimated to be about 5 psi.

PRESSURE VESSELS:

Table G

GENERAL INFORMATION					
1. Device number					
2. Device description	TEST SEPARATOR #1	TEST SEPARATOR #2	GROSS SEPARATOR #1	GROSS SEPARATOR #2	
3. Device grouping number ⁽¹⁾	489-F-101	489-F-101	489-F-102	489-F-102	
4. Device site	production deck	production deck	production deck	production deck	
DEVICE SPECIFIC INFORMATION					
1. Manufacturer	R/S	R/S	R/S	R/S	
2. Serial or ID tag number	MBD-111	MBD-112	MBD-101	MBD-102	
3. Type	horizontal	horizontal	vertical	vertical	
4. Service	crude	crude	crude	crude	
5. Diameter (ft)	3.5	3.5	6.0	6.0	
6. Length (ft)	20.3	20.3	16.6	16.6	
7. Operating pressure (psig)	230	230	230	230	
8. Operating temperature (F)	200	200	225	225	
9 Connected to gas gathering or vapor recovery?	yes	yes	yes	yes	
10. PSVs to atmosphere	no	no	no	no	

Pressure Vessels (continued):

GENERAL INFORMATION					
1. Device number					
2. Device description	FLARE SCRUBBER	FINAL GAS SCRUBBER	INTERCHANGE SCRUBBER	1ST STAGE SUCTION SCRUBBER	
3. Device grouping number ⁽¹⁾	489-F-104	489-F-104	489-F-104	489-F-104	
4. Device site	production deck	production deck	production deck	production deck	
DEVICE SPECIFIC INFORMATION					
1. Manufacturer	R/S	R/S	King Tool	Inc Comp	
2. Model number ⁽²⁾			KHS	L/7F	
3. Serial or ID tag number	X2865		71-001	22782101	
4. Type	vertical	vertical	vertical	vertical	
5. Service	gas	gas	gas	gas	
6. Diameter (ft)	2.5	2.5	1.5	24	
7. Length (ft)	9.0	9.0	6	6.5	
8. Operating pressure (psig)	450	450	200	0-200	
9. Operating temperature (F)	650	650	150		
10. Connected to gas gathering or vapor recovery?	no	no	no	no	
11. PSVs to atmosphere	no	no	no	no	

Pressure Vessels (continued):

GENERAL INFORMATION					
1. Device number					
2. Device description		1ST STAGE SUCTION SCRUBBER	MAIN GAS SCRUBBER	FREE WATER KNOCKOUT	
3. Device grouping number ⁽¹⁾		489-F-105	489-F-104	489-F-103	
4. Device site		production deck	production deck	production deck	
DEVICE SPECIFIC INFORMATION					
1. Manufacturer		R/S	R/S	R/S	
2. Model number ⁽²⁾					
3. Serial or ID tag number		X3173	2968	MAM-121	
4. Type		vertical	vertical	horizontal	
5. Service		gas	gas	produced water	
6. Diameter (ft)		2.5	3.5	10	
7. Length (ft)		8.5	12.0	36	
8. Operating pressure (psig)		100	230	60	
9. Operating temperature (F)		300	200	650	
10. Connected to gas gathering or vapor recovery?		no	no	no	
11. PSVs to atmosphere		no	no	n0	

Pressure Vessels (continued):				Table G
GENERAL INFORMATION				
1. Device number				
2. Device description	GLYCOL CONTACTOR	GLYCOL FILTER A	GLYCOL FILTER B	WELL CLEAN TANK
3. Device grouping number ⁽¹⁾	489-F-105A	489-F-105A	489-F-105A	489-F-107
4. Device site	production deck	production deck	production deck	
DEVICE SPECIFIC INFORMATION				
1. Manufacturer	R/S			
2. Serial or ID tag number	U057F			MBF-201
3. Type	vertical	vertical	vertical	vertical
4. Service	rich glycol	glycol	glycol	emulsion
5. Diameter (ft)	4.6	2.6	12.0	
6. Length (ft)	25	5.0	4.0	
7. Operating pressure (psig)	425	100	100	5
8. Operating temperature (F)	650	200	220	100
9 Connected to gas gathering or vapor recovery?	no	no	no	no
10. PSVs to atmosphere	no	no	no	no

Notes:

- The Device Grouping Number is represented by a Nuevo drawing number.
 Pressure vessel designed specifically for Platform A; no model number.

HEAT EXCHANGERS:

Table H

GENERAL INFORMATION					
Device number					
2. Device description	GLYCOL HEAT EXCHANGER	HEAT EXCHANGER (COOLER)	HEAT EXCHANGER (COOLER))	HEAT EXCHANGER)	
3. Device grouping number ⁽¹⁾	528-A-PROD	528-A-PROD	528-A-PROD	528-A-PROD	
4. Device site	production deck	production deck	production deck	production deck	
5. Start date	1969	1969	1969	1969	
6. Permit exempt per Rule 202?	yes	yes	yes	yes	
7. Specific Rule 202 exemption					
DEVICE SPECIFIC INFORMATION	ī				
1. Manufacturer	Basco, Inc.	Fin-x	Air-ex	Fin-ex	
2. Model number		vi-48-7	1	v148-7	
3. Serial or ID tag number	0667-011	1207-1	737,107.1	1207-2	
4. Type	shell and tube	fan	fan	shell and tube	
5. Service	cooler	cooler	cooler	stabilizer reboiler	
6. Heat medium	electrically heated glycol	air	air	glycol	

⁽¹⁾ The Device Grouping Number is represented by a Nuevo drawing number.

FLARES AND THERMAL OXIDIZERS: Table J						
GENERAL INFORMATION						
1. Device number						
2. Device description	UNPLANNED	PLANNED (CONTINUOUS)	PLANNED (INTERMITTENT)			
3. Device SCC number	3-06-009-5					
4. Device site	flare boom					
5. Start date	1994					
DEVICE SPECIFIC INFORMATION						
1. Manufacturer	John Zink					
2. Model number	EEF-SAB-8					
3. Flare type	Hydra					
4. Design heat release	2500	2500	2500			
5. Flare gas higher heating value (Btu/scf)	1100	1100	1100			
6. Total sulfur content of flared gas (max. ppmv S as H ₂ S)	239	239	239			
7. Emission controls used?	no	no	no			
8. Emission controls description						
9. Pilot/purge gas sulfur content (ppmv S as H ₂ S)	50					

FUGITIVE EMISSION COMPONENTS:					
GENERAL INFORMATION					
1. Device number					
2. Device description	COMPONENTS				
3. Device grouping number ⁽¹⁾	200				
4. Device site	various locations on platform				
DEVICE SPECIFIC INFORMATION					
1. Number of gas/light liquid component leak-paths - accessible	8149				
2. Number of gas/light liquid component leak-paths - inaccessible	150				
3. Number of gas/light liquid component leak-paths - unsafe	5				
4. Number of oil/emulsion component leak-paths -accessible	7455				
5. Number of oil/emulsion component leak-paths - inaccessible	21				
6. Number of oil/emulsion component leak-paths - unsafe	5				

Notes:

(1) Device Grouping Number arbitrarily assigned.

WELLHEADS: Table M

WELL	WELLHEADS.					
GE	GENERAL INFORMATION					
1.	Device number					
2.	Device description	WELLHEADS				
3.	Device grouping number ⁽¹⁾	ADRLDECK				
4.	Device site	drill deck				
DE	VICE SPECIFIC INFORMATION					
1.	Number of oil and gas wells	47 ⁽²⁾				
2.	Number of plugged and abandoned oil and gas wells	0				
3.	Number of gas injection wells	0				
4.	Number of water injection wells	3 (3)				

Notes:

- (1) The Device Grouping Number is represented by a Nuevo drawing number.
- (2) Listing of production well numbers: Well room #1 A-S-3, A-4, A-9, A-10, A-11, A-13, A-14, A-15, A-17, A-18, A-20, A-21, A-23, A-24, A-25, A-26, A-27, A-28, A-30, A-31, A-32, A-33, A-34, A-35, A-36, and A-55; Well room #2 A-37, A-38, A-40, A-41, A-42, A-43, and a-44; Well room #3 , A-1, A-3, A-5, A-7, A-8, A-39, A-47, A-48, A-49, A-52, A-53, and A-54.
- (3) List of water injection wells: A-12, A-45, and A-46.

SUMPS AND WASTEWATER TANKS:

Table N

GENERAL INFORMATION					
1. Device number					
2. Device description	SKIMMER TANK	WASTE WATER TANK	WASTE OIL TANK/SUMP	SLOP TANK	
3. Device grouping number ⁽¹⁾	489-F-106B	489-F-106B	489-F-106B	Unknown	
4. Device site	float deck	float deck	float deck	float deck	
5. Start date	1969	1969	1969	1997	
6. Permit exempt per Rule 202?	no	no	No	no	
7. Specific Rule 202 exemption					
DEVICE SPECIFIC INFORMATION					
1. Manufacturer	National	National	National	Ream Superior	
2. Model Number	b-18076	b-18078	b-18079	Unknown	
3. Serial or ID tag number	s/ok5233e	s/ok5233h	s/ok5233h	X-2856	
4. Service	oil-water	produced water	oil-water	oil-water	
5. Vessel class	tertiary	tertiary	Tertiary	tertiary	
6. Surface area (ft ³)	38.48	50.2	12.56	78.54	
7. Covered?	yes	yes	yes	yes	
8. Connected to vapor recovery?	yes	yes	yes	yes	

Sumps and Wastewater Tanks (contin	Table N					
GENERAL INFORMATION						
1. Device number						
2. Device description	PORTABLE TANK A	PORTABLE TANK B				
3. Device grouping number ⁽¹⁾						
4. Device site	production deck	production deck				
DEVICE SPECIFIC INFORMATIO	N					
1. Manufacturer	Baker Tank	Baker Tank				
2. Model Number						
3. Serial or ID tag number						
4. Service	varies	varies				
5. Vessel class	secondary	secondary				
6. Surface area (ft ³)	280	280				
7. Covered?	yes	yes				
8. Connected to vapor recovery?	no	no				

Notes:

(1) The Device Grouping Number is represented by a Nuevo drawing number.

OIL/WATER SEPARATORS: Table N-1

GE	GENERAL INFORMATION				
1.	Device number				
2.	Device description	FLOTATION CELL			
3.	Device grouping number ⁽¹⁾	ADRLDECK			
4.	Device site	drill deck			
DE	VICE SPECIFIC INFORMATION				
1.	Manufacturer	WEMCO			
2.	Model Number	84			
3.	Serial or ID tag number	8550749			
4.	Covered?	yes			
5.	Connected to vapor recovery?	yes			

Notes:

(1) The Device Grouping Number is represented by a Nuevo drawing number.

SUPPLY BOATS: Table P

	OFFICIAL INCOMATION				
GEN	VERAL INFORMATION				
1.	Device number				
2.	Device description	SUPPLY BOAT			
3.	Device grouping number	M.V. Santa Cruz			
4.	Device SCC number	2-03-001-01			
5.	Exhaust flow rate (scfm)	18,350			
6.	Exhaust temperature (F)	500			
7.	Device site	ocs			
DEV	TICE SPECIFIC INFORMATION				
1.	Number of main engines	2			
2.	Total main engine horsepower rating	4000			
3.	Number of auxiliary engines	3			
4.	Total auxiliary engine horsepower rating	1005			
5.	Number of trips per year	114			
6.	Load factor	0.65			
7.	Time in mode - idle (hours)	1			
8.	Time in mode - maneuver (hours)	2			
9.	Time in mode - cruise (hours)	8			
10.	Fuel consumption - all modes (gal/hp-hr)	0.055			
11.	NO _x emission controls utilized?	Yes			
12.	Control description	4 retard, enhanced intercooling, turbocharged			
13.	Control efficiency	8.4 g/bhp-hr			
14.	GPS installed?	Yes			

CREW BOATS: Table Q

	GENERAL INFORMATION				
GE					
1.	Device number				
2.	Device description	CREW BOAT			
3.	Device grouping number	M.V. Roff Tide/Murdoch Tide			
4.	Device SCC number	2-03-001-01			
6.	Exhaust flow rate (scfm)	3870			
7.	Exhaust temperature (F)	600			
8.	Device site	ocs			
DEV	VICE SPECIFIC INFORMATION				
1.	Number of main engines	3			
2.	Total main engine horsepower rating	1530			
3.	Number of auxiliary engines	2			
4.	Total auxiliary engine horsepower rating	218			
5.	Number of trips per year	114			
6.	Load factor	0.85			
7.	Time in mode - idle (hours)	0.5			
8.	Time in mode - maneuver (hours)	1.0			
9.	Time in mode - cruise (hours)	2.0			
10.	Fuel consumption - all modes (gal/hp-hr)	0.055			
11.	NO _x emission controls utilized?	Yes			
12.	Control description	4 timing retard, intercooling, turbocharged			
13.	Control efficiency	8.4 g/bhp-hr			
14.	GPS installed?	No			

MAINTENANCE ACTIVITIES: Table S **GENERAL INFORMATION** (Part A) MAINTENANCE SUPPLY Device description MAINTENANCE SUPPLY MAINTENANCE SUPPLY MAINTENANCE SUPPLY Device grouping number⁽¹⁾ 200 200 200 200 4-02-001-01 Device SCC number 4-02-001-01 4-02-001-01 4-02-001-01 Platform A Platform A Platform A Platform A Device site Permit exempt per Rule 202? Yes yes yes yes 6. Specific Rule 202 exemption 202.D.8 202.D.8 202.D.8 202.D.8 DEVICE SPECIFIC INFORMATION Coating/solvent brand name Carbothane D134 HS Carbomastic 15 Carboline 801 Carboline Application Coating Coating Coating Thinner Emission controls used? ves ves ves ves 4. Emission controls overspray tarps for PM overspray tarps for PM overspray tarps for PM overspray tarps for PM description

unknown

Note: Italics in columns 2, 3, 4, and 5 indicate that the equipment is "permit-exempt;" thus, these are also listed in Section 10.7

unknown

unknown

Emission controls efficiency

Unknown

NON- MAINTENANCE ACTIVITIES:

GE	GENERAL INFORMATION (Part B)					
1.	Device description	MAINTENANCE SUPPLY				
2.	Device grouping number ⁽¹⁾	200				
3.	Device SCC number	4-02-009-18				
4.	Device site	Platform A				
DE	VICE SPECIFIC INFORMATION					
1.	Coating/solvent brand name	Naphtha				
2.	Application	solvent				
3.	Emission controls used?	no				
4.	Emission controls description	n/a				
5.	Emission controls efficiency	n/a				

Notes

(1) Device grouping number arbitrarily assigned.

Table S

STACKS Table T

O I I I	Table 1					
GE	GENERAL INFORMATION (Part A)					
1.	Device number					
2.	Stack description	FLARE	NORTH CRANE IC ENGINE STACK	GLYCOL REBOILER	CREW BOAT STACK	
3.	Stack height above water (ft)	100	92	90	1.5	
4.	Stack diameter (ft)	0.33	0.33	0.83	1.0	
5.	Exhaust gas flow rate (dscfm)	121	2690	Nominal	3870	
6.	Exhaust gas temperature (F)	ambient	700	ambient	600	
7.	Exhaust gas velocity	n/a			n/a	
8.	UTM coordinates East	980, 915	980, 915	980, 915	980, 915	
9.	UTM coordinates West	804, 800	804, 800	804, 800	804, 800	

GEN	GENERAL INFORMATION (Part B)				
1.	Device number				
2.	Stack description	SUPPLY BOAT STACK	SOUTH CRANE IC ENGINE STACK		
3.	Stack height above water (ft)	15	90		
4.	Stack diameter (ft)	1.0	0.25		
5.	Exhaust gas flow rate (dscfm)	18,350	1140		
6.	Exhaust gas temperature (F)	500	825		
7.	Exhaust gas velocity	n/a			
8.	UTM coordinates East	980, 915	980, 915		
9.	UTM coordinates West	804, 800	804, 800		